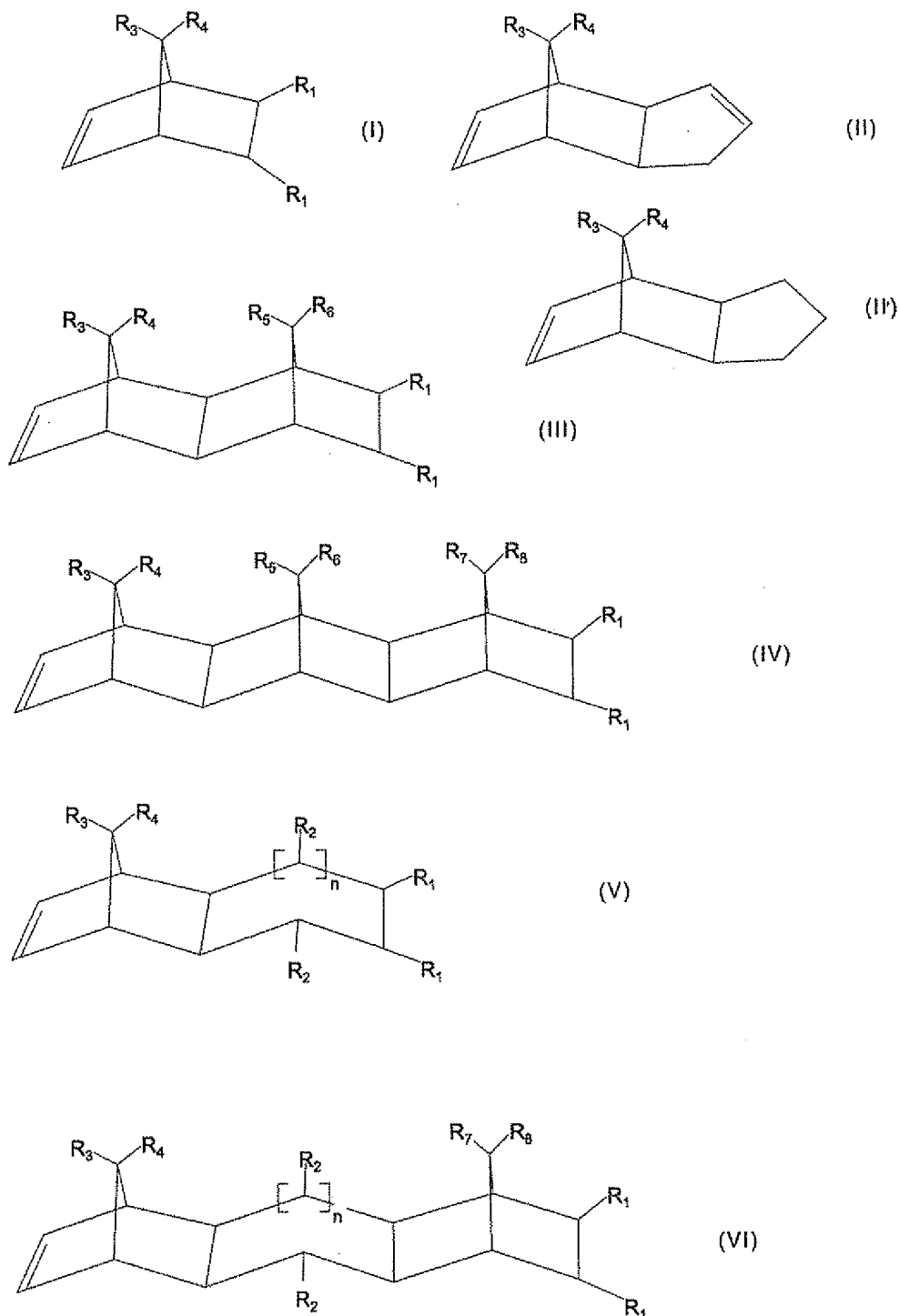


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A process for producing a packaging composed of a thermoformable film composed of thermoplastic polyolefins, via thermoforming, where, after thermoforming, the film has an improved heat distortion temperature and a high water-vapor barrier, which comprises using, in the thermoformable film, an amount in the range ~~from 5 to 100%~~ of from 20 to 90 % by weight, based on the total weight of polyolefins, of COC with a glass transition temperature T_g in the range from 65 to 200°C, measured to DIN EN ISO 11357-1 with the aid of a DSC at a heating rate of 10 K/min, and which comprises producing therefrom, via thermoforming at a temperature in the range from 70 to 170°C a packaging whose heat distortion temperature is in the range from 60 to 200°C.
2. (Previously Presented) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as M_w , in the range from 500 to 2 000 000 g/mol.
3. (Previously Presented) The process as claimed in claim 1; wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 5000 ml/g.
4. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 5 to 2000 μm .
5. (Currently Amended) The process as claimed in claim 1, wherein the COC contains, based on the total weight of the COC, from 0.1 to 100.0% by weight of polymerized units

which derive from at least one polycyclic olefin of the formulae I, II, II', III, IV, V or VI



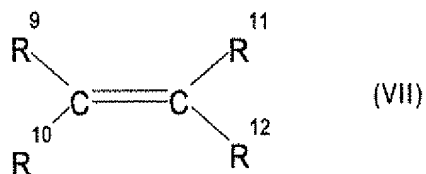
[[VI]]

where R₁, R₂, R₃, R₄, R₅, R₆, R₇, and R₈ are identical or different and are a hydrogen atom or a C₁-C₂₀-hydrocarbon radical, such as a linear or branched C₁-C₈-alkyl radical, C₆-C₁₈-aryl radical, C₇-C₂₀-alkylenearyl radical, or a cyclic or acyclic C₂-C₂₀-alkenyl

radical, or form a saturated, unsaturated or aromatic ring, where identical radicals R1 to R8 in the various formulae I to VI have a different meaning, and where n indicates values from 0 to 5,

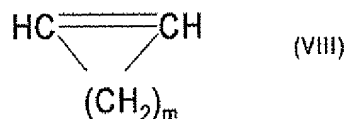
and

contains, based on the total weight of the cycloolefin copolymer, from 0 to 99.9% by weight of polymerized units which derive from one or more acyclic olefins of the formula VII



where R9, R10, R11 and R12 are identical or different and are a hydrogen atom, a linear, branched, saturated or unsaturated C1-C20-hydrocarbon radical.

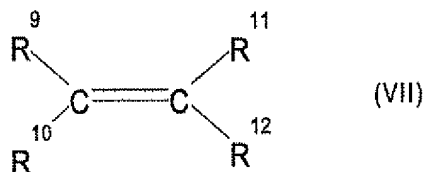
6. (Original) The process as claimed in claim 5, wherein the COC contains, based on its total weight, an amount of from 0 to 45% by weight of polymerized units which derive from one or more monoolefinic olefins of the formula VIII



where m is a number from 2 to 10.

7. (Previously Presented) The process as claimed in claim 1, wherein the COC has a glass transition temperature Tg in the range from 85 to 200°C and wherein the process comprises, where appropriate, a mixture of COCs with different Tg.
8. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film comprises, as other polyolefins, high- or low-density polyethylenes (HDPE, LDPE, LLDPE), ethylene-vinyl acetate copolymer, ionomer, polypropylene, olefin copolymers, plastomers, or a mixture of these.

9. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film comprises up to 40% by weight of cut film arising during the production process in the form of regrind.
10. (Previously presented) A packaging, produced by a process as claimed in claim 1, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 60 to 200°C.
11. (Original) The packaging as claimed in claim 10, which is a blister pack.
12. (Previously Presented) The process as claimed in claim 1, wherein said thermoforming at a temperature in the range from 80 to 160°C, a packaging whose heat distortion temperature is in the range from 110 to 180°C.
13. (Previously Presented) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as Mw, in the range from 3000 to 500 000 g/mol.
14. (Previously Presented) The process as claimed in claim 2, wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 1000 ml/g.
15. (Previously Presented) The process as claimed in 14, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 200 to 400 µm.
16. (Previously Presented) The process as claimed in claim 5, wherein the COC contains, based on the total weight of the COC, from 0.1 to 99.9% by weight of polymerized units which derive from at least one polycyclic olefin of the formulae I, II, II', III, IV, V or VI and
contains, based on the total weight of the cycloolefin copolymer, from 0.1 to 99.9% by weight, of polymerized units which derive from one or more acyclic olefins of the formula VII



where R9, R10, R11 and R12 are identical or different and are a hydrogen atom, a linear, branched, saturated or unsaturated C1-C8-alkyl radical or a C6-C18-aryl radical.

17. (Currently Amended) The process as claimed in claim 16, wherein the COC has a glass transition temperature Tg in the range from 120 to 190°C, and wherein the process optionally comprises, ~~where appropriate,~~ a mixture of COCs with different Tg.
18. (Previously Presented) A packaging, produced by a process as claimed in claim 17, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 110 to 180°C.